

Amendments to the Claims:

Claim 1 (currently amended): A method of manufacturing a liquid crystal display panel, comprising the steps of:
forming a plurality of pixels on a first substrate;
forming a plurality of micro cell structures on the first substrate, wherein each micro cell structure surrounds at least one pixel;
forming a first alignment layer on the first substrate;
providing the micro cell structures with a liquid crystal utilizing Ink Jet Printing technology at the condition of normal air pressure; and
combining the first substrate with a second substrate by a sealing member at the condition of vacuum.

Claim 2 (withdrawn): A method of manufacturing a liquid crystal display panel as claimed in claim 1, wherein the pixel comprises a data line and a gate line.

Claim 3 (withdrawn): A method of manufacturing a liquid crystal display panel as claimed in claim 2, further comprising the steps of:
forming a photoresist layer on the first substrate; and
forming the micro cell structures on the data lines and the gate lines by carrying out the photolithography on the photoresist layer.

Claim 4 (withdrawn): A method of manufacturing a liquid crystal display panel as claimed in claim 3, wherein all the micro cell structures have the same height by planarization.

Claim 5 (withdrawn): A method of manufacturing a liquid crystal display panel as claimed in claim 3, further comprising a step of: forming a color filter and a second alignment layer on the second substrate.

Claim 6 (original): A method of manufacturing a liquid crystal display panel as claimed in claim 1, wherein each pixel comprises a color filter and a black matrix surrounding the pixel.

Claim 7 (original): A method of manufacturing a liquid crystal display panel as claimed in claim 6, further comprising the steps of:
forming a photoresist layer on the first substrate; and
forming the micro cell structures covering the black matrix by carrying out the photolithography on the photoresist layer.

Claim 8 (original): A method of manufacturing a liquid crystal display panel as claimed in claim 7, wherein all the micro cell structures have the same height by planarization.

Claim 9 (original): A method of manufacturing a liquid crystal display panel as claimed in claim 7,

further comprising a step of: forming a plurality of pixels and a second alignment layer on the second substrate, wherein each pixel has a data line and a gate line.

Claim 10 (currently amended): A method of manufacturing a liquid crystal display panel as claimed in claim 1, wherein the adjacent micro cell structures surround micro cell spaces [[are]] connected by a passage.

Claim 11 (original): A method of manufacturing a liquid crystal display panel as claimed in claim 1, wherein the Ink Jet Printing technology is a thermal bubble type Ink Jet Printing technology.

Claim 12 (original): A method of manufacturing a liquid crystal display panel as claimed in claim 1, wherein the Ink Jet Printing technology is a micro piezoelectric type Ink Jet Printing technology.

Claim 13 (original): A method of manufacturing a liquid crystal display panel as claimed in claim 1, wherein the sealing member is prepared before injecting the liquid crystal into the micro cell structures.

Claim 14 (original): A method of manufacturing a liquid crystal display panel as claimed in claim 1, wherein the sealing member is prepared after injecting the liquid crystal into the micro cell structures.

Claim 15 (original): A method of manufacturing a liquid crystal display panel as claimed in claim 1, wherein the sealing member is prepared when the liquid crystal is injected into the micro cell structures.

Claim 16 (original): A method of manufacturing a liquid crystal display panel as claimed in claim 1, further comprising a step of: forming a trench between the sealing member and the micro cell structures.

Claims 17-18 (canceled)

Claims 19 (new): A method of manufacturing a liquid crystal display panel, comprising the steps of:

forming a plurality of pixels on a first substrate;
forming a plurality of micro cell structures on the first substrate, wherein each micro cell structure surrounds at least one pixel;
forming a first alignment layer on the first substrate;
providing the micro cell structures with a liquid crystal utilizing Ink Jet Printing technology at the condition of vacuum; and
combining the first substrate with a second substrate by a sealing member at the condition of normal air pressure.

Claim 20 (new): A method of manufacturing a liquid crystal display panel as claimed in claim 19, wherein each pixel comprises a color filter and a black matrix surrounding the pixel.

Claim 21 (new): A method of manufacturing a liquid crystal display panel as claimed in claim 20, further comprising the steps of:

forming a photoresist layer on the first substrate; and
forming the micro cell structures covering the black matrix by carrying out the photolithography on the photoresist layer.

Claim 22 (new): A method of manufacturing a liquid crystal display panel as claimed in claim 21, wherein all the micro cell structures have the same height by planarization.

Claim 23 (new): A method of manufacturing a liquid crystal display panel as claimed in claim 21, further comprising a step of: forming a plurality of pixels and a second alignment layer on the second substrate, wherein each pixel has a data line and a gate line.

Claim 24 (new): A method of manufacturing a liquid crystal display panel as claimed in claim 19, wherein the adjacent micro cell structures surround micro cell spaces connected by a passage.

Claim 25 (new): A method of manufacturing a liquid crystal display panel as claimed in claim 19, wherein the Ink Jet Printing technology is a thermal bubble type Ink Jet Printing technology.

Claim 26 (new): A method of manufacturing a liquid crystal display panel as claimed in claim 19, wherein the Ink Jet Printing technology is a micro piezoelectric type Ink Jet Printing technology.

Claim 27 (new): A method of manufacturing a liquid crystal display panel as claimed in claim 19, wherein the sealing member is prepared before injecting the liquid crystal into the micro cell structures.

Claim 28 (new): A method of manufacturing a liquid crystal display panel as claimed in claim 19, wherein the sealing member is prepared after injecting the liquid crystal into the micro cell structures.

Claim 29 (new): A method of manufacturing a liquid crystal display panel as claimed in claim 19, wherein the sealing member is prepared when the liquid crystal is injected into the micro cell structures.

Claim 30 (new): A method of manufacturing a liquid crystal display panel as claimed in claim 19, further comprising a step of: forming a trench between the sealing member and the micro cell structures.